Buffered Sodium Chloride Peptone Solution pH 7.0 acc. harm. EP/USP/JP

TN1025 500 g

TN1025-01 5 kg

Intended use

Dilution fluid for samples in case of microbiological contamination. Culture medium for testing non-sterile products. This culture medium is based on the recommendations of the harmonised method acc. to EP/USP/JP (2006).

Form

Powder

Colour

Whitish

Storage

Dry, tightly closed, at 10...30 °C.

Shelf life

5 years

Typical composition

Component	g/l
Potassium dihydrogen phosphate	3,56 *
Disodium hydrogen phosphate anhydrous	5,77 *
Sodium chloride	4,3
Pancreatic digest of casein	1,0

* The concentration ratio results from the norminal pH value.

Directions

Dissolve 14.6 in 1 litre distilled water and autoclave at 121 °C for 15 minutes.

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Test strain	CFU / 9 ml	Incubation	Deviation in percent % 0 min to 120 min	Testing method
Salmonella Typhimurium ATCC 14028 WDCM 00031	10-100	aerobically, 2 h at 22.5 ± 2.5 °C	≤ ± 30 %	plating on TSA, incubate aerobically for 22 ± 2 h at 34 ± 1 °C
Escherichia coli ATCC 8739 WDCM 00012	10-100	aerobically, 2 h at 22.5 ± 2.5 °C	≤ ± 30 %	plating on TSA, incubate aerobically for 22 ± 2 h at 34 ± 1 °C
Staphylococcus aureus ATCC 6538 WDCM 00032	10-100	aerobically, 2 h at 22.5 ± 2.5 °C	≤ ± 30 %	plating on TSA, incubate aerobically for 22 ± 2 h at 34 ± 1 °C
Pseudomonas aeruginosa ATCC 9027 WDCM 00026	10-100	aerobically, 2 h at 22.5 ± 2.5 °C	≤ ± 30 %	plating on TSA, incubate aerobically for 22 ± 2 h at 34 ± 1 °C
Candida albicans ATCC 10231 WDCM 00054	10-100	aerobically, 2 h at 22.5 ± 2.5 °C	≤ ± 30 %	plating on Sabouraud agar, incubate aerobically for 22 ± 2 h at 34 ± 1 °C

Hersteller: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 700 144-0 | F: +49 30 700 144-30 | info@sifin.de | www.sifin.de